



Enjoy More Flexibility,
Customized Products,
and Tailor-Made Services

COMFORT MOTION





99%

of TiMOTION's customer application requirements can be solved by our experienced personnel providing highly customized solutions.

101%

TiMOTION guarantees complete customer satisfaction by providing competitive actuation solutions, coupled with a wide range of high-quality products, global service networks, and "on-demand" R&D resources.

Linear Actuators

TA series



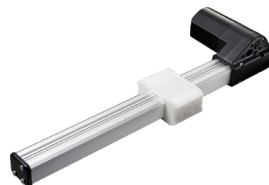
TA4

Max. load
3,500N (push)
2,000N (pull)

Max. speed at max. load
3.1mm/s

Max. speed at no load
36.9mm/s

Retracted length
≥ Stroke + 140mm



TA5P

Max. load
6,000N (push)
3,000N (pull)

Max. speed at max. load
4.1mm/s

Max. speed at no load
58mm/s

Retracted length
≥ 157mm



TA6

Max. load
6,000N (push)
4,000N (pull)

Max. speed at max. load
5mm/s

Max. speed at no load
43mm/s

Retracted length
≥ Stroke + 163mm



TA9

Max. load

2,500N (push)
1,000N (pull)

Max. speed at max. load

5.1mm/s

Max. speed at no load

58.3mm/s

Retracted length

≥ Stroke + 140mm



TA14

Max. load

6,000N (push)
4,000N (pull)

Max. speed at max. load

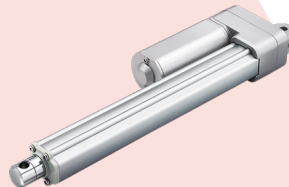
4.1mm/s

Max. speed at no load

39mm/s

Retracted length

≥ Stroke + 163mm



TA16

Max. load

4,500N (push)
2,500N (pull)

Max. speed at max. load

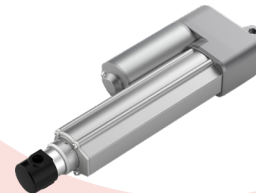
4.9mm/s

Max. speed at no load

56.5mm/s

Retracted length

≥ Stroke + 112mm



TA19

Max. load

1,000N (push)

Max. speed at max. load

18mm/s

Max. speed at no load

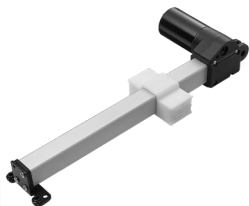
64mm/s

Retracted length

≥ Stroke/2 + 165mm

Linear Actuators

TA series



TA25

Max. load
1,000N (push/pull)

Max. speed at max. load
29mm/s

Max. speed at no load
54mm/s

Retracted length
≥ 98mm



TA26

Max. load
4,000N (push)
2,000N (pull)

Max. speed at max. load
6.1mm/s

Max. speed at no load
24mm/s

Retracted length
≥ Stroke + 120mm



TA32

Max. load
500N (push)

Max. speed at max. load
4.8mm/s

Max. speed at no load
16mm/s

Retracted length
≥ 143mm



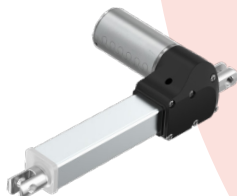
TA38M

Max. load
2,000N (push)
1,500N (pull)

Max. speed at max. load
6.2mm/s

Max. speed at no load
20mm/s

Retracted length
≥ 160mm (depending on
chosen options)



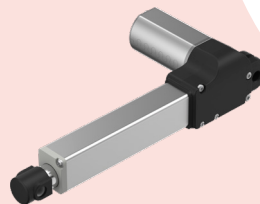
TA42

Max. load
1,500N (push/pull)

Max. speed at max. load
6.2mm/s

Max. speed at no load
13.2mm/s

Retracted length
≥ Stroke + 100mm



TA43

Max. load
4,000N (push)
2,000N (pull)

Max. speed at max. load
2.5mm/s

Max. speed at no load
12.1mm/s

Retracted length
≥ Stroke + 100mm

Lifting Columns

TL series



TL3

Max. load
4,000N (push)

Self-locking force
4,000N

Max. dynamic bending moment
1,000Nm

Max. speed at max. load
13.7mm/s

Max. speed at no load
45mm/s

Retracted length
 $\geq \text{Stroke}/2 + 150\text{mm}$



TL17

Max. load
2,000N (push)

Max. dynamic bending moment
250Nm

Max. speed at max. load
11.5mm/s

Max. speed at no load
41mm/s

Retracted length
 $\geq \text{Stroke}/2 + 150\text{mm}$



TL18

Max. load
4,500N (push)

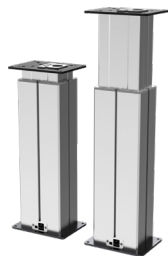
Self-locking force
4,500N

Max. dynamic bending moment
250Nm

Max. speed at max. load
6.6mm/s

Max. speed at no load
45mm/s

Retracted length
 $\geq \text{Stroke} + 147\text{mm}$



TL18AC

Max. load
4,500N (push)

Self-locking force
4,500N

Max. dynamic bending moment
250Nm

Max. speed at max. load
6.6mm/s

Max. speed at no load
45mm/s

Retracted length
≥ 383mm



TL25

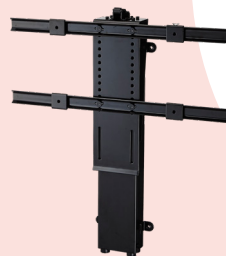
Max. load
1,500N (push)

Max. dynamic bending moment
130.5Nm

Max. speed at max. load
15mm/s

Max. speed at no load
108mm/s

Retracted length
Stroke + 360mm



TVL3

Max. load
600N (push)

Max. speed at max. load
22mm/s

Max. speed at no load
32mm/s

Retracted length
570 (S) / 685 (M) / 795 (L)mm

Control Boxes



TC2B Series

- Number of motors: 1~3
- Max. output: 32V DC, 6.25A



TC6 Series

- Number of motors: 1~5



TC7 Series

- Number of motors: 1~2



TC11 Series

- Number of motors: 1
- Max. output: 32V DC, 6A



TC11P Series

- Number of motors: 1
- Max. output: 32V DC, 6A



TC14 Series

- Number of motors: 1~4



TC16P Series

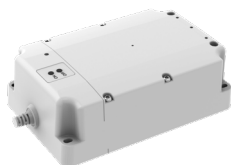
- Number of motors: 3
- Max. output: 32V DC, 10A



TC23 Series

- Number of motors: 1~4
- Max. output: 24V DC, 5A

Back-Up Power



TBB2 Series

- Battery type: Lead acid, Lithium
- Capacity: 1.2Ah
- Discharging voltage: 24V DC, 1.2A



TBB3 Series

- Battery type: Lithium-ion
- Capacity: 1.8Ah
- Discharging voltage: 25.2V DC, 1.8A



TBB4 Series

- Battery type: Lead acid
- Capacity: 1.2 or 2.2Ah
- Discharging voltage: 24V DC, 2A



TBB5 Series

- Battery type: Lithium iron
- Capacity: 4Ah
- Discharging voltage: 24V DC, 4A



TBB6 Series

- Battery type: Lead acid
- Capacity: 2.9 or 5Ah
- Discharging voltage: 24V DC, 2.9/5A



TBB7 Series

- Battery type: Lead acid, Lithium
- Capacity: 2.9/5Ah (Lead acid); 2.5/4.5/10Ah (Lithium)
- Discharging voltage: 24V DC, 2.9/5A



TBB8 Series

- Battery type: Lithium
- Capacity: 1.5Ah
- Discharging voltage: 24V DC, 1.5A

Power Supplies



TP2 Series

- Transformer type: SMPS
- Input voltage: 100~240V AC
- Max. output: 29V DC, 6.25A



TP2N Series

- Transformer type: SMPS
- Input voltage: 100~240V AC
- Max. output: 29V DC, 6.25A



TP2P Series

- Transformer type: SMPS
- Input voltage: 100~240V AC
- Max. output: 29V DC, 6.25A



TP2S Series

- Transformer type: SMPS
- Input voltage: 100~240V AC
- Max. output: 29V DC, 6A



TP5P Series

- Transformer type: SMPS
- Input voltage: 100~240V AC
- Max. output: 29V DC, 5A



TP7 Series

- Transformer type: SMPS
- Input voltage: 100~240V AC
- Max. output: 29V DC, 3.75A



TP11 Series

- Transformer type: SMPS
- Input voltage: 100~240V AC
- Max. output: 29V DC, 5A

Hand Controls



TH1



TH3



TH4



TH5



TH6



TH7



TH7R



TH8



TH9



TH11



TH13



TH15



TH16



TH17



TH19



TH23

Hand Controls



TH25



TFH2



TFH3



TFH4



TFH5



TFH6



TFH7



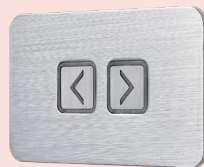
TFH7P



TFH7S



TFH11



TFH15



TFH15P

Hand Controls



TFH16



TFH17



TFH22



TFH25



TFH27



TFH28



TFH32



TFH33



TFH34



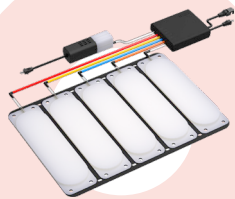
TFH35



TFH36



Accessories



TAM1
Inflatable Massage
Cushion System



TCR
AC Cable Reel



TES
External Switch



TFA1
USB Charger



TFA3
USB Charger



TJB2
Junction Box

Accessories



TJB10
Junction Box



TMM
Massage Motor



TMM2
Massage Motor



TMM3
Massage Motor



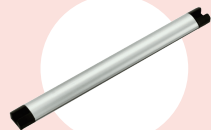
TMM4
Massage Motor



TRF
RF Receiver



TRL1
LED Reading Light



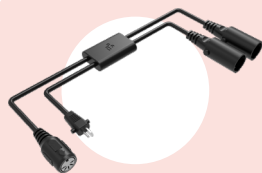
TSS
Safety Strip



TYC
Y Cable



TYC2
Y Cable



TYC3
Y Cable

Terms of Use

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Every Day is Earth Day

TiMOTION uses FSC certified paper in order to help care for our forests, as well as the people and wildlife who call them home.



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